

Some stuff about the document data-base. This is not complete but I hope it will set a context and allow people to start using the docdb. The url is microboone-docdb.fnal.gov. Also, this illustrates a feature of the docdb that it can be used for preliminary, living, and evolving stuff. A better version of this document is surely possible.

0) The data-base has two levels of defining its 'documents'. A document comes under a 'topic' heading (such as 'electronics') and a sub-topic (such as 'cables/connectors'). Documents are either 'public' in which case anyone on the web can see them, or 'private' in which case only people with the docdb username and password can see them.

1) a document has a submitter (you), author(s), sub-topic(s) within topic(s), a version and keywords (which I've never used). Submitters, authors, topics and sub-topics are selected from lists within the data-base – so there is no ambiguity, for example, over the way a person's name is presented. New authors and submitters can be added by anyone who can add files to the database – new topics and subtopics can only be made by the db administrators (currently Cat James and Stephen Pordes – cjames@fnal.gov & stephen@fnal.gov). A document has a title and an abstract which are free.

2) the data-base calls its contents 'documents'. In reality these are more like folders and typically contain several files which are related to the particular topic/subtopic. For example, I would expect the sub-topic 'cables/connectors' in the electronics topic to have many files with details of the various cables and connectors used by the electronics. If a particular sub-topic is too broad, we can make new ones.

3) any particular 'document' can be referenced to as many subtopics as one likes. To reference to two sub-topics under the same 'topic' use the ctrl (windows) or apple key (mac). (I don't know the linux).

4) a 'document' has two sorts of data – the files it contains and the so-called 'metadata' or DB information. One can add files (called 'add files'), one can put new versions of existing files into the document (called 'update'), and one enters and can change the meta-data. Note the distinction between adding files and updating. When a new version of an existing file is entered, the document is 'updated' and gets a new version number. When files are simply added, the version number stays the same. If, for example we have a document called 'photos of people' and someone joins the experiment, one would 'add' their photograph. If someone doesn't like their current photo and wants to put a new one in, that would be an update. Note, also, that the old 'versions' are kept. The data-base is written to make it relatively convenient for files in the previous version of a document (for which one doesn't want to enter new versions) to be carried into the new version of the document. The meta-data correspond to all the stuff except the actual files that describe the document – see the entries you make when 'creating a document'. The meta-data can be changed using the update DB

5) To make a new document that contains some files (called creating a document), requires:

- 1) having the file(s) somewhere convenient
- 2) going to screen 1 microboone-docdb.fnal.gov and
- 3) entering the microboone username and password
- 4) selecting '**create or change documents or other information**' at the **2nd** screen
- 5) at the **3rd** screen typing the number of files you want to put into the 'document' into the open window in the **Create a new document from ... files on your local computer** (the top line on the next screen) and hitting return.
- 6) at the **4th screen** entering a title and an abstract,
browsing to each of the files you want to put in the document, selecting it and giving it a description. (Typically I leave the main box ticked – it can be used if there is a single main file and a bunch of supporting files and you want to identify this structure.)
selecting the Document type from the list
selecting the submitter;
selecting the author(s) (see the note above re authors);
selecting (under View) who can see and who can modify the document – public is everyone on the web, uboone is everyone on the list of authors (in the docdb);
selecting as many topics or sub-topics you like;
pressing submit;

Screen 1 <http://microboone-docdb.fnal.gov/>

MicroBooNE Document Database

Accessing DocDB

Access [Public](#) or [Private](#) (username/password required) Documents

[DocDB Version Information](#)

[Security, Privacy, Legal](#)
[Fermilab Policy on Computing](#)

Fermi National Accelerator Laboratory

For assistance contact [HelpDesk](#)
[DocDB Home](#)

To create or change something in the data base
or to see stuff that only uboone people can see

Screen 2 <http://microboone-docdb.fnal.gov:8080/cgi-bin/DocumentDatabase/>

Document Database

[Instructions](#)
[Your Account](#)
[Preferences](#)
[DocDB Statistics](#)
[About DocDB](#)

[Create or change documents or other information](#)

Search for (Advanced)

Show MicroBooNE-doc-# -v

Show documents modified in the last days

[Calendar](#) of events

List:

- [Authors](#)
- [Topics](#)
- [Groups](#)
- [Keywords](#)
- [Events](#)

To make or modify a document

To see various lists

Last 50 documents modified				
MicroBooNE-doc-#	Title	Author(s)	Topic(s)	Last Updated
66-v1	Vendor List update	J.Sondericker	Cryostat	09 Oct 2008
65-v1	Data from Corning	J.Sondericker	Cryo Calculations	09 Oct 2008

Screen 3: <http://microboone-docdb.fnal.gov:8080/cgi-bin/ModifyHome>

[Main Menu](#)
[Instructions](#)
[Your Account](#)
[Customized Create/Modify](#)
[Customized Add Files](#)
[About DocDB](#)

Document Modifications

Click any **highlighted link** for quick help.

Document Management: **(Which option do I choose?)**

- **Create a new** document from file(s) on your **local computer**
- **Create a new** document from file(s) on the **web**
- **Reserve** a document number (if you don't yet have a draft of your document).
- **Update** document #
- **Update DB Info** for document #
- **Add** file(s) to document #

Event Management

- **Create** a new event with multiple sessions
- **Create** a new event with only one session
- **Create** an externally managed event (e. g. a conference)
- Modify an **existing event** (choose event on next page)

Database maintenance:

- Add an **author**

Customized Insert/Modify
Use this form to produce a customized document creation or update form.
Make a selection from each group.

To make a new
document from 3 files

Screen 4 <http://microboone-docdb.fnal.gov:8080/cgi-bin/DocumentAddForm>

Document Addition

You have chosen to add a new document to the database.
Make sure you know all the required information and the file is ready for uploading.
Required fields are marked with an asterisk (*).
Click on any of the headings for help.

Title: *

Abstract: *

Keywords: (space separated) - [Keyword Chooser](#)

Notes and Changes:

Local file upload: *

Screen 5: <http://microboone-docdb.fnal.gov:8080/cgi-bin/ShowDocument?docid=73>

MicroBooNE Document 73-v1

ArgoNeuT Status

Document #:
MicroBooNE-doc-73-v1

Document type:
[External Presentations](#)

Submitted by:
[C James](#)

Updated by:
[C James](#)

Document Created:
09 Oct 2008, 16:04

Contents Revised:
09 Oct 2008, 16:04

DB Info Revised:
09 Oct 2008, 16:04

[Update Document](#)

[Update DB Info](#)

[Add Files](#)

Username:

Password:

[Watch Document](#)

Abstract:
Update on an existing small LAr test detector

Files in Document:

- [ArgoNeuT_LArReview.pdf](#) (8.3 MB)

Get all files as [tar.gz](#), [zip](#).

Topics:

- [About the extended LAr Program](#)

Authors:

- [M Soderberg](#)

Associated with Events:
[Review May 2008](#) held on 03 Jun 2008

Viewable by:

- Public document

Modifiable by:

- [uboone](#)

Modifiable only by people in the uboone list

Available to the web

To put in a new version of the file

To change the metadata (eg the topic, or the author, or add a topic)

To add files to the document